TOSHIBA

Colour television

Owner's manual

PW33 Series

Contents

SETTING UP

Safety precautions – Some *do's* and *don'ts* for you to be aware of 3
Installation and Important information 4
The remote control – an at-a-glance guide 5
Connecting external equipment 6
Side connections and controls 7
Selecting the language and system 8
Auto tune 8
Manual tune – an alternative to *Auto tuning* 9
Programme skip 10
Sorting programme positions 11

CONTROLS

General controls – changing programme position 11
Sound controls – volume, sound mute, bass boost, bass/treble/balance 11
Widescreen viewing 12
Picture controls – picture preferences, noise reduction (NR), picture position, automatic format (widescreen) 13

FEATURES

The timer and time display – setting the TV to turn off and time display 14
Panel lock – disabling the buttons on the TV 14
Stereo and bilingual transmissions – stereo or dual language broadcasts 14
Input selection and AV connections – input and output sockets for connected equipment 15

TELETEXT

Setting up, general information, Auto and List modes 16
Control buttons 17

PROBLEM SOLVING

Questions and Answers 18

INFORMATION

Index, Specifications and Accessories – information on your television 20

Safety Precautions

This equipment has been designed and manufactured to meet international safety standards but, like any electrical equipment, care must be taken to obtain the best results and for safety to be assured. Please read the points below for your own safety. They are of a general nature, intended to help with all electronic consumer products and some points may not apply to the goods you have just purchased.

Air Circulation

Leave at least 10cm clearance around the television to allow adequate ventilation. This will prevent overheating and possible damage to the TV. Dusty places should also be avoided.

Heat Damage

Damage may occur if the TV is left in direct sunlight or near a heater. Avoid places subject to extremely high temperatures or humidity, or locations where the temperature is likely to fall below 5°C (41°F).

Mains Supply

The mains supply required for this equipment is 230v AC 50Hz. Never connect to a DC supply or any other power source. DO ensure that the TV is not standing on the mains lead. DO NOT cut off the mains plug from this equipment, this incorporates a special Radio Interference Filter, the removal of which will impair its performance. In the UK, the fuse fitted in this plug is 5A, and is approved by ASTA or BSI to *BS1362*. It should only be replaced by a correctly rated and approved type and the fuse cover must be refitted.
IF IN DOUBT PLEASE CONSULT A COMPETENT ELECTRICIAN.

Do

DO read the operating instructions before you attempt to use the equipment.

DO ensure that all electrical connections (including the mains plug, extension leads and inter-connections between pieces of equipment) are properly made and in accordance with the manufacturers' instructions. Switch off and withdraw the mains plug before making or changing connections.

DO consult your dealer if you are ever in doubt about the installation, operation or safety of your equipment.

DO be careful with glass panels or doors on equipment.

Do not

DON'T remove any fixed cover as this may expose dangerous voltages.

DON'T obstruct the ventilation openings of the equipment with items such as newspapers, tablecloths, curtains, etc. Overheating will cause damage and shorten the life of the equipment.

DON'T allow electrical equipment to be exposed to dripping or splashing or objects filled with liquids, such as vases, to be placed on the equipment.

DON'T place hot objects or naked flame sources, such as lighted candles or nightlights on, or close to equipment. High temperatures can melt plastic and lead to fires.

DON'T use makeshift stands and NEVER fix legs with wood screws. To ensure complete safety, always fit the manufacturer's approved stand or legs with the fixings provided according to the instructions.

DON'T listen to headphones at high volume, as such use can permanently damage your hearing.

DON'T leave equipment switched on when it is unattended, unless it is specifically stated that it is designed for unattended operation or has a standby mode. Switch off using the switch on the equipment and make sure your family know how to do this. Special arrangements may need to be made for infirm or handicapped people.

DON'T continue to operate the equipment if you are in any doubt about it working normally, or it is damaged in any way – switch off, withdraw the mains plug and consult your dealer.

ABOVE ALL – NEVER let anyone, especially children, push anything into holes, slots or any other openings in the case – this could result in a fatal electric shock.

NEVER guess or take chances with electrical equipment of any kind – it is better to be safe than sorry.

TO FULLY DISCONNECT THE TV, SWITCH OFF THE MAINS SOCKET AND REMOVE THE POWER PLUG.

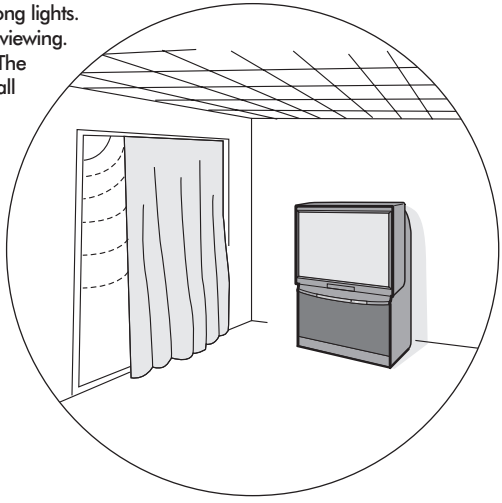
Installation and important information

Where to install

Locate the television away from direct sunlight and strong lights. Soft, indirect lighting is recommended for comfortable viewing. Place the TV directly on the floor or a sturdy platform. The mounting surface should be flat and steady. If you install the TV onto a soft floor covering, make sure that the covering will not be damaged by the weight of the TV.

Use curtains or blinds to prevent direct sunlight falling on the screen.

Always take great care when moving this TV as it could mark polished floor surfaces or damage floor coverings.



WARNING! NEVER LEAVE A STATIONARY IMAGE ON THE SCREEN

If stationary images generated by TELETEXT, CHANNEL IDENTIFICATION LOGOS, COMPUTER DISPLAYS, VIDEO GAMES, ON SCREEN MENUS, etc. are left on the TV screen for any length of time, they could become permanently ingrained.

If you use your television to display completely still images, or moving pictures which have a permanent still image superimposed *e.g.* broadcast network logos, it is always advisable to reduce BOTH the brightness and contrast settings.

Please take note

EXCLUSION CLAUSE

Toshiba shall under no circumstances be liable for loss and/or damage to the product caused by:

i) fire;
ii) earthquake;
iii) accidental damage;
iv) intentional misuse of the product;
v) use of the product in improper conditions;
vi) loss and/or damge caused to the product whilst in the possession of a third party;
vii) any damage or loss caused as a result of the owner's failure and/or neglect to follow the instructions set out in the owner's manual;
viii) any loss or damage caused directly as a result of misuse or malfunction of the product when used simultaneously with associated equipment;

Furthermore, under no circumstances shall Toshiba be liable for any consequential loss and/or damage including but not limited to the following, loss of profit, interruption of business, the loss of recorded data whether caused during normal operation or misuse of the product.

The remote control

Simple at-a-glance reference of your remote control.

To display teletext

To bring up on-screen information and for the teletext initial/index function

For On/Standby mode

Number buttons

To select input from external sources
To access sub-pages when in teletext mode

To return to the previous programme

Selectable picture preferences

Widescreen viewing

On-screen Menus

To exit Menus

To change programme positions and teletext pages
To alter the volume
When using menus the arrows move the cursor on the screen up, down, left or right. **OK** *to confirm your selection*

For quick reference to topics, please see the INDEX at the end of this manual.

Teletext control buttons

No function on this model

To select mode

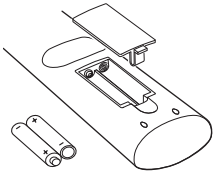
Bass Boost/Super Woofer

To mute the sound

When in VCR or DVD mode:
press ⏸ to PAUSE
press ⏏ to EJECT
press ⏮ to SKIP-REWIND
press ⏭ to SKIP-FORWARD
press ▶ to PLAY
press ■ to STOP
press ◀◀ to REWIND
press ▶▶ to FAST FORWARD

When in TV mode:
▼ *No function on this model*
I/II *Stereo/bilingual reception*
Time display
When in Teletext mode:
To reveal concealed text
To hold a wanted page
To enlarge teletext display size
To select a page whilst viewing a normal picture

Inserting batteries and effective range of the remote



Remove the back cover to reveal the battery compartment and make sure the batteries are inserted the right way round.

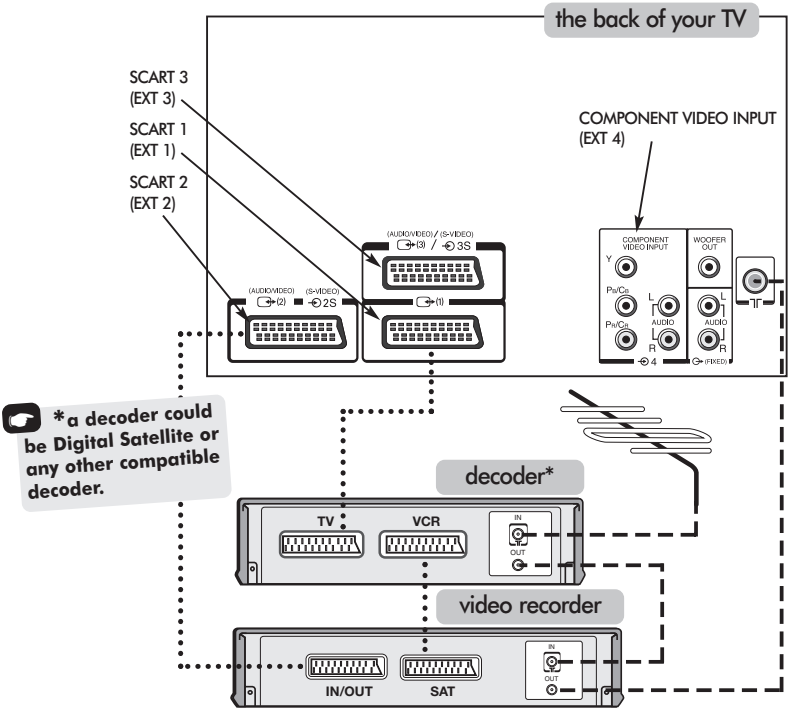
Suitable battery types for this remote are UM-4, AAA, IEC R03 1.5V.

Do not combine a used, old battery with a new one or mix battery types. Dispose of them in a designated disposal area.

The performance of the remote control will deteriorate beyond a distance of five metres or outside an angle of 30 degrees from the centre of the TV.

Connecting external equipment

Before connecting any external equipment, turn off all main power switches.



WE RECOMMEND THAT YOU USE SCART LEADS IN ADDITION TO AERIAL CABLES WHEREVER POSSIBLE

Aerial cables:

Connect the aerial to the socket on the rear of the television. If you use a decoder* and/or a video recorder it is essential that the aerial cable is connected through the decoder and/or through the video recorder to the television.

Scart leads:

Connect the video recorder **IN/OUT** socket to the TV. Connect the decoder **TV** socket to the TV. Connect the video recorder **SAT** socket to the decoder **VCR** socket.

Before running **Auto tuning** put your decoder and video recorder to **Standby**.

The phono sockets alongside the COMPONENT VIDEO INPUT sockets will accept L and R audio signals.

A wide variety of external equipment can be connected to the back of the TV, therefore the relevant owners manuals for *all* additional equipment *must* be referred to.

We recommend *Scart 1* for a decoder, *Scart 2* for a VCR and *Scart 3* for additional equipment (games console etc.).

If connecting S-VIDEO equipment, set the **INPUT** for **EXT2** or **EXT3**. *See page 15.*

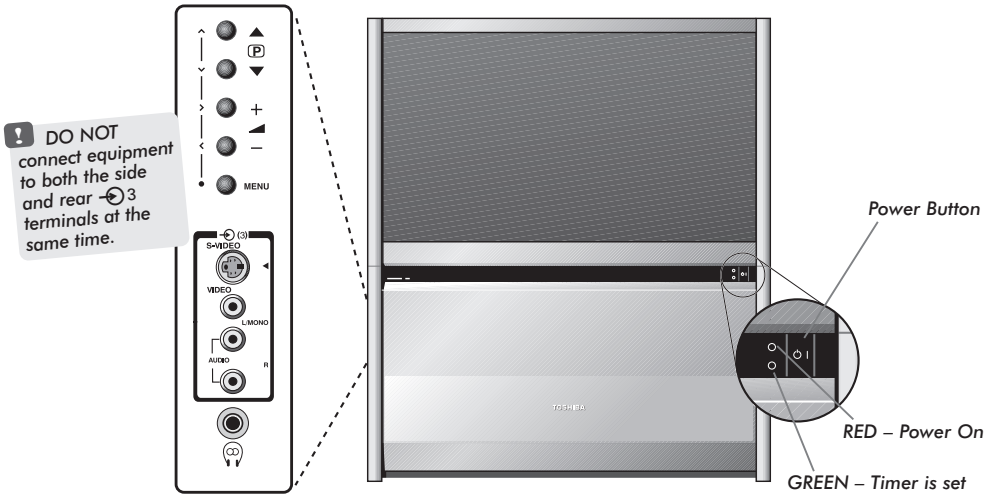
If the TV automatically switches over to monitor external equipment, return to normal TV by pressing the desired programme position button.

To recall external equipment, press ⊖ to select between **EXT1**, **EXT2**, **EXT3** or **EXT4**.

Side connections and controls

A wide variety of external equipment can be connected via the sockets located on the side of the TV.

Whilst all the necessary adjustments and controls for the TV are made using the remote control, the buttons on the TV may be used for some functions.



Switching on

If the power-on light is unlit press the POWER button on the front of the TV to switch the set on, then press a number button on the remote control to see the screen.

To put the set into Standby press ⏻ on the remote control. To view the TV press ⏻ again or any of the number buttons. The picture may take a few seconds to appear. Standby should only be used for short periods of time.

To set up the TV you will now need to use the on-screen menus. Press the **MENU** button on the remote control to see the top menu bar.

This white menu bar will show five different topics shown in symbols. As each symbol is selected by pressing the ❮ or ❯ button on the remote control, its respective options will appear below.

To use the options press the ❯ button on the remote control to move down through them and ❮ or ❯ to select the required choice. Follow the on screen instructions. The functions of each menu are described in detail throughout the manual.

Using the controls and connections

To alter the volume press — ◿ +.

To alter the programme position press ▼ Ⓟ ▲.

Press **MENU** and ❮, ❯, ❯ or ❮ to control the sound and picture options.

Press **MENU** to finish.

When connecting mono sound equipment to ***Input 3***, connect the audio output of the equipment to the L/Mono socket on the TV.

To select the Inputs, press ⊖ until the display shows ***EXT3*** or ***EXT3S*** as described on *page 15*.

Please always refer to the owner's manual of the equipment to be connected for full details.

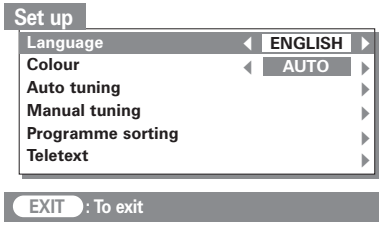
Please note: Inserting the headphone jack will mute the sound from all speakers.

Selecting the language and system*, Auto tune

Before running Auto tune put your decoder and video recorder to **Standby**. To set up the TV use the buttons on the remote control as detailed on page 5.

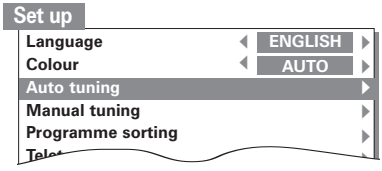
1 To choose the required language, press **MENU** and use ❯ to select **Set up** from the top bar.

2 Press ❯ to highlight ***Language***.



3 Press ❮ or ❯ to select.

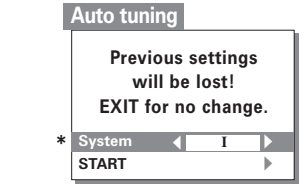
4 Now press ❯ to highlight ***Auto tuning***, then ❯ to select.



5 *For UK only:* Press **OK** to start and go to step 7.

For Continental Europe: It will be necessary to choose the ***System**** for your country.

B/G – Continental Europe, **I** – UK
D/K – Eastern Europe, **L1**, **L2** – France



6 Press ❯ to select your **System***. Press ❯ to highlight **START** and then ❯.

7 The search will begin for all available stations. ▶▶▶▶▶ will flash and the bullet will move along the line as the search progresses.

Allow the television to complete the search.

8 When the search is complete the TV will automatically return to programme position 1. This may not be a clear picture or the signal may be weak, so the station order may be changed by using ***Programme sorting***, *on page 11*.

If the television cannot be connected to a video/decoder with a Scart lead or if a station on another ***system*** is required, use ***Manual tuning*** to allocate a programme position, *see page 9*.

* ***For Continental Europe only.***

Manual tune

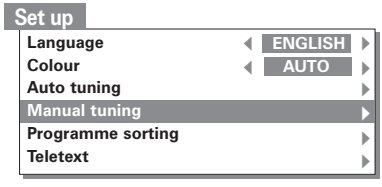
The TV can be tuned-in manually using **Manual tuning**. For example: if the television cannot be connected to a video/decoder with a Scart lead or to tune-in a station on another **System** (*see page 8*).

Use ❮ and ❯ to move across the screen and select any of these Manual Tune options.

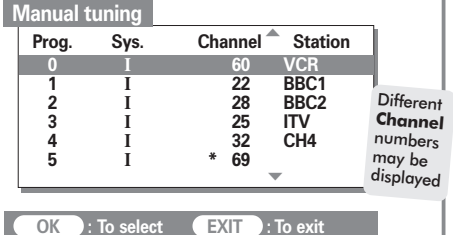
Programme: The number to be pressed on the remote control.
System: Specific to certain areas. *See step 5 on page 8.*
Search: Search up and down for a signal.
Programme skip: * means nothing has been stored or the facility to *skip* the channel is ON. *See page 10.*
Channel: The channel number on which a station is being broadcast.
Manual fine tuning: Only used if interference/weak signal is experienced. *See page 19.*
Station: Station identification. Use the ❮ or ❯ and ❮ or ❯ buttons to enter up to seven characters.

To allocate a programme position on the television for a decoder and VCR: turn the decoder on, insert a pre-recorded tape in the video and press PLAY, then manually tune.

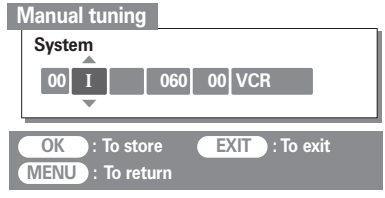
1 Select **Set up** from the top menu bar and with ❯ highlight ***Manual tuning***, press ❯ to select.



2 Use ❮ or ❯ to highlight the programme position required e.g. we suggest ***Prog. 0*** for a video.


Manual tuning
Prog. Sys. Channel Station
0 I 60 VCR
1 I 22 BBC1
2 I 28 BBC2
3 I 25 ITV
4 I 32 CH4
5 I * 69
Different Channel numbers may be displayed
OK : To select EXIT : To exit

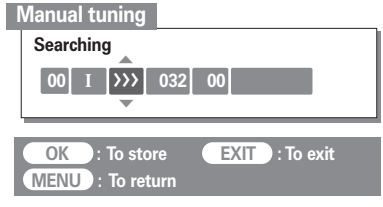
3 Press **OK** to select. If the programme is skipped, **Programme skip** must be removed before storing.



4 Press ❯ to select ***System*** and use ❮ or ❯ to change (*if required, see step 5 on page 8*).

5 Then press ❯ to select ***Search***.

6 Pressing ❮ will begin the search. ***Searching*** will flash and the television will show the channel numbers.

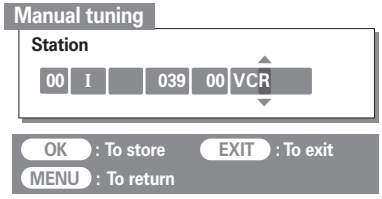


Continues on the next page

Manual tune continued
Programme skip

7 Each signal will show on the television, if it is not your VCR, press ^ again to restart the search.

8 When your VCR signal is found, press › to move along to ***Station***. With ^, v, ‹ and › put in the required characters, *e.g.* **VCR**.



9 Press **OK** to store.

10 Repeat for each ***programme position*** you want to tune or, press **MENU** to return to the list of channels and select the next number to tune.

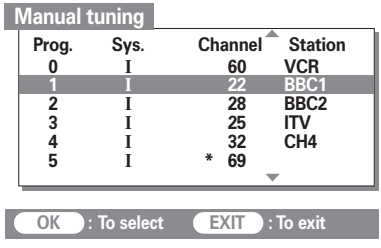
11 Press **EXIT** when you have finished.

PLEASE NOTE This TV has direct channel entry if the channel numbers are known.
Select the ***Manual tuning*** screen in ***Step 3***. Enter the ***Programme number***, the ***System***, then the ***Channel*** number. Press **OK** to store.

Programme skip

To prevent certain programmes from being viewed, the programme position can be skipped and the remote control removed. The television can then be watched as normal using the controls on the side, but the set will not show the skipped programme position.

1 Select ***Manual tuning*** from the **Set up** menu.

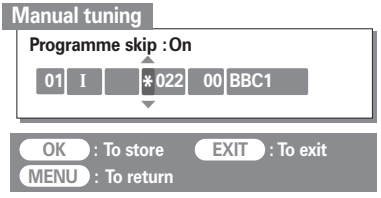


2 Use ^ or v to highlight the programme position to be skipped and press **OK** to select.

3 Press › to select ***Programme skip***.

4 Use ^ or v to turn ***Programme skip*** : **On**. Press **OK**.

* on the screen indicates a skipped programme position.



5 Press **MENU** and repeat from ***Step 2*** or press **EXIT**.

Each programme position has to be *individually* selected and set with ***Programme skip*** **On** or **Off**.

To turn ***Programme skip*** **off**, repeat the procedure for each position.

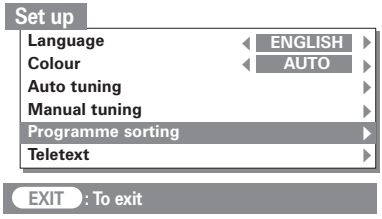
Skipped programme positions ***cannot*** be selected by **P▲** (^) and **P▼** (v) or by the controls on the side of the TV, but can still be accessed by the number buttons on the remote control.

Sorting programme positions, General and sound controls

Sorting programme positions

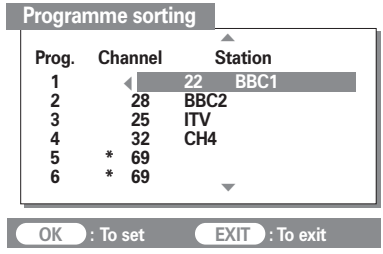
Programme sorting *is an easy way of storing each channel on the programme position of your choice, or changing the station order if the picture is not clear.*

1 Select ***Programme sorting*** from the **Set up** menu.



2 The list of stations is now showing. With ❯ or ❮ highlight the station you want to *move* and press **OK**.

The selected station will be moved to the right of the screen.



3 Use ❯ or ❮ to move through the list to your *preferred* position. As you do so the other stations will move to make room.

4 Press **OK** to set your move.

5 Repeat as necessary, then press **EXIT**.

Selecting programme positions

To select a programme position use the numbered buttons on the remote control.

For programme positions *below* 10 use 0 and the required number *e.g.* 01 for programme position 1.

Programme positions can also be selected using **P▲** (❮) and **P▼** (❯).

To revert to the previous programme position press ⇄.

The programme position will be displayed on the screen with the Stereo/Mono indicator, *described on page 14.*

Sound controls

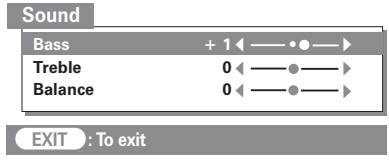
Volume
Press 🔈— (❮) or 🔈+ (❯) to adjust the volume.

Sound Mute
Press 🔇 once to turn the sound off and again to cancel.

Bass Boost – to enhance the depth of sound
Press 🔊: then ❮ or ❯ to adjust the effect. The difference will only be noticeable on sound with a strong bass. Press 🔊: again to turn Bass Boost off.

When an active Super Woofer is connected pressing 🔊: will control it only if ***Woofer Ext.*** is chosen. Select ***AV connection*** in the **Feature** menu, press ❯ until ***Woofer*** is highlighted then press ❮ or ❯ to choose ***EXT.***

Bass, Treble and Balance



1 Press **MENU** and ❮ or ❯ to select the **Sound** option from the top bar.

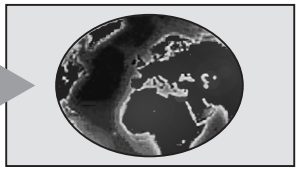
2 Press ❯ to highlight ***Bass, Treble*** or ***Balance*** and ❮ or ❯ to change the setting.

Widescreen viewing

Depending on the type of broadcast being transmitted, programmes can be viewed in a number of formats. Press the ⊞ button repeatedly to select between **Super live**, **Cinema**, **Subtitle**, **14:9**, **Wide** and **4:3**.
Please note: Whenever the **MENU** button is pressed the picture size setting will change while the menus are ON the screen. This is to ensure that the menus do not overlap the edges of the viewable area.

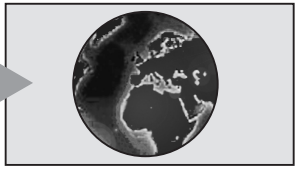
SUPER LIVE

This setting will enlarge the image to fit the screen by stretching the image horizontally, holding the correct proportions at the centre of the image.



CINEMA

When watching 'letterbox format' films/video tapes, this setting will eliminate or reduce the black bars at the top and bottom of the screen by zooming in and selecting the image without distortion.

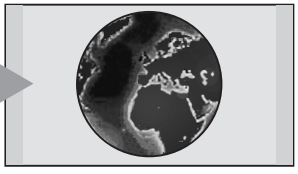


SUBTITLE

When subtitles are included on a letterbox format broadcast, this setting will raise the picture to ensure that all the text is displayed.

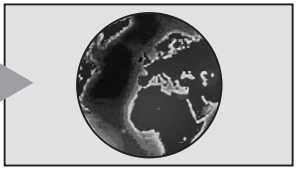
14:9

Use this setting when watching a 14:9 broadcast.



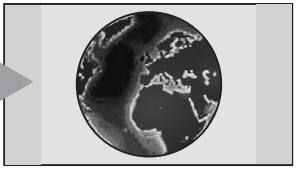
WIDE

Use this setting when watching a widescreen DVD, widescreen video tape or a 16:9 broadcast (when available). Due to the range of widescreen formats (16:9, 14:9, 20:9 etc.) black bars may be visible on the top and bottom of the screen.



4:3

Use this setting to view a true 4:3 broadcast.



Using the special functions to change the size of the displayed image (i.e. changing the height/width ratio) for the purposes of public display or commercial gain may infringe on copyright laws.

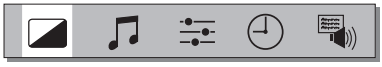
Picture controls

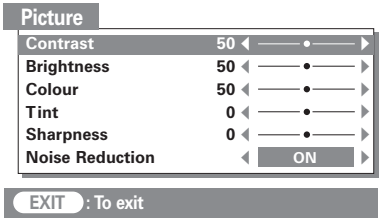
Picture preferences

This television offers the choice of personalising the picture style. Press ⇢◪⇠ to view the different styles available:

***Picture mode-1** to **3** are preset options and **Picture mode-M** stores your own settings:*

1 Select **Picture** from the top menu bar.





2 Use ❮ or ❯ to adjust the ***Contrast***, ***Brightness***, ***Colour***, ***Tint*** and ***Sharpness***.

*The **Tint** can only be adjusted on a signal from an NTSC video recorder or DVD player when the television is in AUTO colour mode.*

Noise Reduction

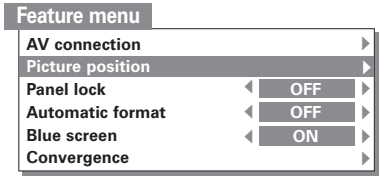
***Noise Reduction** enables you to 'soften' the screen representation of a weak signal to reduce the noise effect.*

1 Select ***Noise Reduction*** from the **Picture** menu. Select between **ON** and **OFF** to obtain the best picture. The differences may not always be noticeable.

Picture position

The picture position may be adjusted to suit personal preference and can be particularly useful for external inputs.

1 Select **Feature Menu** from the top menu bar, then using ❯ select ***Picture Position***.



2 Press ❯ to select. Use ❮ or ❯ to adjust the horizontal/vertical position.

The options alter depending on the widescreen format chosen and when viewing connected equipment.

Automatic format (Widescreen)

*When this TV receives a true Widescreen picture and **Automatic format** is **On**, it will automatically be displayed in Widescreen format, irrespective of the TV's previous setting.*

1 Select ***Automatic format*** from the **Feature** menu, then select **ON** or **OFF**.

The timer, time display, panel lock and stereo/bilingual transmissions

The Timer

The TV can be set to turn itself **On** *or* **Off** *after a certain time.*

1 Select **Timer** from the top menu bar.

2 Press ❯ to select ***On*** or ***Off timer***. Use the number buttons to set the required time. For example, to switch the TV off in one and a half hours enter 01:30.

3 If setting the ***Off timer***, press **EXIT** to finish. If setting the ***On timer***, enter the programme position number required, then press ⏻ to put the TV into Standby. The GREEN On timer indicator on the front of the TV will now be lit.

Any equipment connected with Scart leads must also be put into Standby to prevent them from being displayed when the timer switches on.

Once the ***On timer*** has been set the TV can be switched on at any time by pressing ⏻. The Green On timer indicator will remain on until the set time period as passed when the TV will go to the chosen channel. This feature can help to avoid missing favourite programmes.

4 To cancel the ***On timer***, enter zero in each position including the programme position.

The Time Display

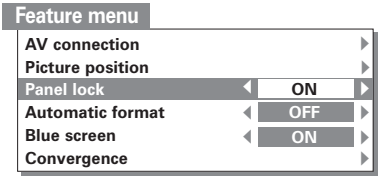
The time display facility allows the current time to be seen on the TV screen.

Press ⏲/EX whilst watching a normal TV broadcast to see a time display from the broadcaster. It will remain on screen for about 5 seconds.

Panel lock

Panel lock *disables the buttons on the side of the TV. All buttons on the remote control can still be used.*

1 From the **Feature menu** select ***Panel lock*** and choose **ON** or **OFF** using ❮ or ❯.



When ***Panel lock*** is **ON**, a reminder will appear when any of the side panel buttons are pressed. Once the set has been switched off it can ONLY be brought out of standby using the remote control.

Stereo and Bilingual transmissions

If stereo or dual language broadcasts are transmitted the word Stereo or Dual will appear on the screen each time programme positions are changed, disappearing after a few seconds. If the broadcast is not in stereo the word Mono will appear.

Stereo... Press ⏀ I/II to select ***Stereo*** or ***Mono***.

Bilingual... Bilingual transmissions are rare. If they are transmitted the word ***Dual*** will display. Choose the required programme number and if the word ***Dual*** appears press ⏀ I/II to select ***Dual 1***, ***Dual 2*** or ***Mono***.

Input selection and AV connections

Defining the INPUT and OUTPUT sockets so that the television recognises connected equipment. See page 6 for a clear view of the back connection recommendations.

Most VCRs and decoders send a signal through the Scart lead to switch the TV to the correct *Input* socket. Alternatively press the external source selection button ⊣⊕ until the picture from connected equipment is shown. This button must be used to view equipment connected using the COMPONENT VIDEO INPUT (**EXT4**).

An ***S*** e.g. ***EXT2S***, indicates the input is set for an S-Video signal.

Input selection

Use the Input Selection if the TV does not switch over automatically.

1 Press ⊣⊕ to select **EXT1**, **EXT2**, **EXT3** or **EXT4**.

EXT1 displays equipment connected to *Scart 1*.

EXT2 displays equipment connected to *Scart 2*.

EXT3 displays equipment connected to *Scart 3* on the back of the TV or *Input 3* on the side of the TV.

EXT4 displays equipment connected to the COMPONENT VIDEO INPUT.

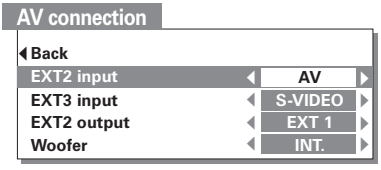
2 To return to TV mode press ⊣⊕ again or one of the numbered buttons.

INPUT signal selection

This specifies the type of signal going into Scarts 2 (**EXT2**) or 3 (**EXT3**) on the back of the TV and the sockets on the side (also **EXT3**). Please refer to the manufacturers instructions for the connected equipment.

1 From the **Feature menu** select ***AV connection*** and with ❮ or ❯ select either **AV** or **S-VIDEO** as the required ***input*** for ***EXT2*** and ***EXT3***.

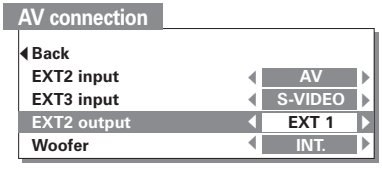
If the colour is missing try the alternative setting.



OUTPUT signal selection for Scart 2

This enables selection of the source to *output* from Scart 2. For example, to record transmissions in stereo from a stereo decoder – connect a stereo decoder to Scart 1 and stereo VCR to Scart 2, then select **EXT 1** as the ***EXT2 output***. The signal received through Scart 1 will output directly through Scart 2.

1 Select ***AV connection***.



2 Use ❮ or ❯ to change the ***EXT2 output*** option to:

MONITOR = The picture on screen.
TV = The last television programme selection.
EXT 1 = The picture from equipment connected to Scart 1.
EXT 3 = The picture from equipment connected to Scart 3 or the side input sockets.

Teletext – setting up, general information, Auto and List modes

This TV has a multi-page teletext memory, which takes a few moments to load. It offers two ***Modes*** of viewing text – **AUTO** will display **FASTEXT**, if available. **LIST** will display your four favourite pages.

Characters and Modes

*Before using teletext choose the correct alphabet (**Character**) and whether to view in **LIST** or **AUTO** mode.*

1. Select ***Teletext*** from the **Set up** menu.
2. Highlight ***Character***, press ❯ to select the required character set.

CHARACTER-1 for Western European countries and Turkey
CHARACTER-2 for Eastern European countries

3. Select ***Mode*** and with ❮ or ❯ choose **AUTO** or **LIST** then press **EXIT**.

Teletext information

The ☰/▢ button:

To view teletext press ☰/▢. Press again to superimpose the teletext over a normal broadcast picture and again to return to normal viewing. Programmes cannot be changed until teletext is cancelled.

The first text page shown will be the *initial* page.

In **AUTO** mode this displays the main subjects available and their relevant page numbers.

In **LIST** mode this displays whichever page number is currently stored on the **RED** button.

In either mode any teletext page can be accessed by entering the 3 digit page number using the numbered buttons, pressing the coloured buttons or pressing **P▲** (❮) to advance to the next page and **P▼** (❯) to go back to the previous page.

Sub-pages

If there are sub-pages they will automatically load into memory without changing the page on screen.

Arrows will appear alongside the page number, indicating sub-pages have loaded.

To access the sub-pages press ☰(-⊖) then use ❮ and ❯ to view them. An indicator will show on the bottom left of the screen.

To alter the volume sub-pages must be cancelled by pressing ☰(-⊖).

After a short time of inactivity the indicator will disappear. To access the sub-pages again press ☰(-⊖). These sub-pages will remain available to view until another page is chosen or, in normal TV mode, the channel is changed.

Navigating pages using Auto

If **FASTEXT** is available four coloured titles will appear at the base of the screen.

To access one of the four given subjects, press the relevant coloured button on the remote control.

For further information on your particular text system(s), see the broadcast teletext index page or, consult your local Toshiba dealer.

Navigating pages using List

The four coloured choices at the bottom of the screen are numbers – 100, 200, 300 and 400, which have been programmed into the TV's memory. To view these pages press the relevant coloured buttons.

To *change* these stored pages press the relevant coloured button and enter the 3 digit number. This number will change in the top left of the screen and in the coloured highlight.

Press **OK** to store. The bars at the bottom of the screen will flash white. **Whenever OK is pressed all four page numbers showing at the bottom will be stored and the previous ones will be lost.**

If **OK** is not pressed the selection will be forgotten when teletext is cancelled.

Other pages may be viewed by entering the 3 digit page number – but DO NOT press **OK** or these pages will be stored.

Teletext continued
– control buttons

Below is a guide to the functions of the remote control teletext buttons.

To display an index/initial page:

AUTO
Press to access index pages. The one displayed is dependant on the broadcaster.

LIST
Press to return to the page currently stored on the **RED** button.

To display a page of teletext:

Press to display teletext**.** Press again to superimpose teletext over a normal broadcast picture. Press again to return to normal TV viewing. Programmes cannot be changed until you return to normal TV.

To access sub-pages:

For use with ❮ and ❯ to view sub-pages when available.

To reveal concealed text:

To discover the solutions on quiz and joke pages press the button.

To hold a wanted page:

At times it is convenient to hold a page of text. Press and will appear in the top left of the screen. The page will be held on screen until the button is pressed again.

To enlarge the teletext display size:

Press once to enlarge the top half of the page, press again to enlarge the bottom half of the page. Press again to revert to normal size.

To select a page whilst viewing a normal page:

Enter the page number then press , a normal picture will be displayed. The TV will indicate when the page is present by displaying the page number at the top of the screen. Press to view the page.

To display news flashes:
Select the news flash page for the chosen teletext service (see the index page of teletext service). Press . The news flashes will be displayed as and when they are broadcast. Press again to cancel the display.

The news flash page must be cancelled before changing programmes.

Remember to cancel teletext before changing channels – press the button twice.

For quick reference to topics, see the INDEX at the back of this manual.

Questions and Answers

Remember...

For television operation queries, please ring the helpline...

Toshiba customer helpline 0115 976 6958*

For UK only

Below are the answers to some of the most common queries.

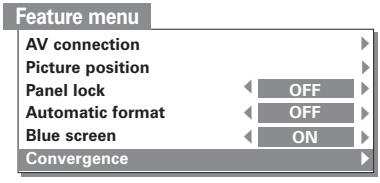
Q *Why are there coloured outlines in the picture?*

A On this television the red, green and blue images are projected separately onto the screen. They converge to form full colour and when they converge correctly you will see a clear picture. It is especially apparent when viewing cartoons.

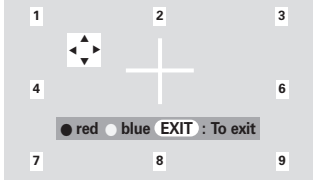
The green is fixed and therefore not adjustable. The red and blue are factory set and should need little or no adjustment. However, convergence may drift over time or if the TV is moved.

Select a TV channel and let the TV warm up for at least 30 minutes before realigning the colours...

1 From the **Feature menu** select ***Convergence***.



2 To adjust the colours, press the RED or BLUE button to select RED or BLUE and then ❮ or ❯ and ^ or v to adjust until the white cross has no 'shadow'.



3 Press **EXIT** to go back to the TV screen and check the picture. If more adjustment is needed, simply repeat ***steps 1*** and **2**.

If the edges of the screen are not correct, select the numbers in turn e.g. number 1 selects the top left hand corner of the screen, and repeat ***step 2***. Press **EXIT** to finish.

Q *Why are there distorted images/faded colours?*

A This is sometimes due to condensation if the room temperature rises rapidly or the TV is moved from a cold room to a warm room. Leave the set turned on for a while this should improve the images.

Q *Why is there no sound or picture?*

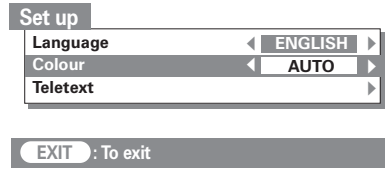
A Check the mains switch is on and check all connections.
Check the TV is not in standby mode.

Q *There IS a picture, but why is there little or no colour?*

A When using an **external** source, for instance, a poor quality video tape, if there is little or no colour, improvements may sometimes be achieved. The colour is factory set to **AUTO** to automatically display the best colour system.

To check that you have the best colour:

1 Select ***Colour*** from the **Set up** menu.



2 With ❮ or ❯ choose between **AUTO, PAL, SECAM, NTSC 4. 43** or **3. 58**.

Q *Why is the video/DVD in black and white?*

A Check the correct ***input*** has been chosen, **S-VIDEO** or **AV**. See ***AV connections***.

Q *Why doesn't the video/DVD being played show on screen?*

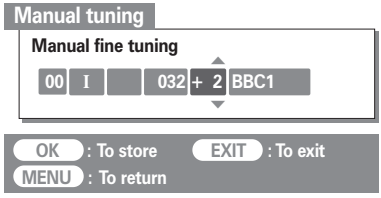
A Make sure the VCR or DVD player is connected to the TV as shown on page 6, then select the correct input by pressing ⊖.

Q *What else can cause a poor picture?*

A Interference or a weak signal. Try a different TV station. ***Manual fine tuning*** may help.

1 Select the ***Manual tuning*** menu. Highlight the station and press **OK**, then press ❯ to select ***Manual fine tuning***.

2 Using ^ or v adjust to get the best picture and sound. Press **OK** and then **EXIT**.



Q *Why is there a good video picture but no sound?*

A Check the Scart lead connection.

Q *Why is there a picture but no sound?*

A Check the volume has not been turned down or that sound mute has not been selected.

Q *Why doesn't the remote control work?*

A Check the side switch on the remote control is in TV mode.
Check the batteries aren't dead or inserted incorrectly.

Q *Why don't the controls on the side of the TV work?*

A Check that ***Panel lock*** is not **ON**.

Q *Why is there a message permanently on the screen?*

A Remove it by pressing **CALL**.

Q *Why has the screen turned blue?*

A ***Blue screen*** in the **Feature menu** is **ON**. When no signal is being received, the TV will turn off the sound and switch the TV screen to blue. After 15 minutes the TV will switch to Standby mode.

Q *Why are there problems with teletext?*

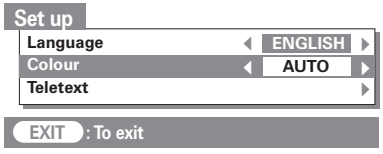
A Good performance of text depends on a good strong broadcast signal. This normally requires a roof or loft aerial. If the Text is unreadable or garbled, check the aerial. Go to the *main index* page of the teletext service and look for the *User Guide*. This will explain the basic operation of teletext in some detail. If further information is needed on how to use text *see the teletext section.*

Q *Why are there no teletext sub-pages?*

A There are none broadcast or they have not yet loaded. Press the (-) buttton to access.
(See teletext section).

Q *Why are the colours wrong when an NTSC source is played?*

A Connect the source via a Scart lead and play. Select the **Set up** menu.



1 Set the Colour to **AUTO** and exit.

2 Go to the **Picture** menu and adjust the tint.

Cleaning the screen and cabinet...

*Turn off the power, clean the screen and cabinet with a soft, dry cloth. We recommend that you **do not** use any proprietary polishes or solvents on the screen or cabinet as this may cause damage.*

Disposal...

When the set reaches the end of its useful life please dispose of it in accordance with Local Government Regulations or at a recycling centre.

Subject	Page
Automatic format (Widescreen)	13
Auto tuning	8
AV connections	15
Balance	11
Bass	11
Bass boost	11
Bilingual broadcast	14
Blue screen	19
Brightness	13
Broadcast system	8
Colour	13
Colour system	18
Connections – side	7
Connections – back	6
Contrast	13
Controls	7
Convergence	18
Direct entry of channels	10
Headphone socket	7
Input selection	15
Installation	4
Language	8
Manual fine tuning	19
Manual tuning	9
Mono	14
Noise Reduction	13
Panel lock	14
Picture position	13
Picture preferences	13
Programme selection	11
Programme skip	10
Programme sorting	11
Questions and Answers	18
Remote control	5
Scart	6
Sharpness	13
Sound mute	11
Standby	7
Stereo	14
Super woofer	11
Switch on TV	7
Teletext	16
Time display	14
Timer	14
Tint	13
Treble	11
Tuning a programme position for your VCR	9
Tuning – Auto	8
Tuning – Manual	9
Volume	11
Widescreen viewing	12

Specifications and accessories

Broadcast systems/channels

PAL-I	UHF	UK21-UK69
PAL-B/G	UHF	E21-E69
	VHF	E2-E12, S1-S41
SECAM-L	UHF	F21-F69
	VHF	F1-F10, B-Q
SECAM-D/K	UHF	R21-R69
	VHF	R1-R12

Video Input PAL, SECAM, NTSC 3.58/4.43

External connections

EXT1	Input	21-pin Scart	RGB, A/V
EXT2	Input/Output	21-pin Scart	A/V, S-video, Selectable output
EXT3	Input (back)	21-pin Scart	A/V, S-video
	Input (side)	4-pin	S-video
		Phono jack	Video
		Phono jacks	Audio L + R
EXT4	Input	Phono jacks	Y, P_B/C_B, P_R/C_R
		Phono jacks	Audio L + R
Fixed Output		Phono jacks	Audio L + R
Output to Active Super Woofer		Phono socket	

Programme Positions	100
Stereo	Nicam 2 carrier system
Visible Screen Size (approx.)	106cm
Display	16:9
Sound output (at 10% distortion)	Main 10W + 10W
Power consumption as specified in EN60107-1 : 1997	125W
Standby	<1.5W
Dimensions (approx.)	116cm (H) 100cm (W) 42cm (D)
Weight (approx.)	51kg
Headphone socket	3.5mm stereo
Accessories	Remote control 2 batteries (UM-4, AAA, IEC R03 1.5V)

© Toshiba Information Systems (U.K.) Limited
All rights reserved.
Reproduction in whole or part without written permission is strictly prohibited.

Printed on recycled paper. 100% Chlorine free.

Toshiba Information Systems (U.K.) Limited
Consumer Products Division,
European Service Centre,
Admiralty Way, Camberley,
Surrey, GU15 3DT, UK
Specification is subject to change without notice.
Originated by Kensa Creative Solutions, Saltash, Cornwall.

2356 6141